

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S147	2	((sukeyuki with shinotsuka) (atsushi with nakajima) (hironari with watanabe)).in. and (sub \$1threshold threshold) same (gate drain) same (high\$2 low\$3).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/31 10:19
S149	1	(10/512936).APP.	USPAT; USOCR	OR	ON	2010/08/31 10:21
S148	21	((sukeyuki with shinotsuka) (atsushi with nakajima) (hironari with watanabe)).in. and (sub \$1threshold threshold) same (gate drain) same (high\$2 low\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/31 10:21
S150	5	("20020041404"   "5414463"   "6008844"   "6191408"   "6593970").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/31 10:22
S151	1	(10/623940).APP.	USPAT; USOCR	OR	ON	2010/08/31 10:24
S153	4	"2002044370"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/31 10:26
S152	0	"2002044370"	USPAT; USOCR	OR	ON	2010/08/31 10:26
S154	2	"20020051257"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/31 10:32
S155	0	(09/876171).APP.	USPAT; USOCR	OR	ON	2010/08/31 10:33
S156	6	("4602291"   "4839729"   "5278658"   "5285293"   "5612739"   "6133862").PN.	USPAT; USOCR	OR	ON	2010/08/31 10:34

S158	2	"6958775".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/31 10:47
S157	1	"6958775".pn.	USPAT; USOCR	OR	ON	2010/08/31 10:47
S159	3	("6046444"   "6191408"   "6317154").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/31 10:55
S160	15	dark with (frame image) same gate near3 voltage with increas\$3	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/31 11:56
S162	361	dark with (frame image) and gate near3 voltage with increas\$3	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/31 11:57
S163	67	S162 and @ad< "20010427"	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/31 11:59
S183	123	increas\$4 with gate near3 voltage with reset and pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/31 16:35
S184	19	S183 and @ad< "20010427"	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/31 16:36
S185	22	increas\$4 with gate near3 voltage with reset and pixel and dark near4 (image frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 09:40
S187	9	S186 and @ad< "20010427"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/01 09:43
S186	75	increas\$4 with gate near3 voltage with reset and pixel same noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 09:43
S189	28	S188 and @ad< "20010427"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/01 09:49
S188	146	("4374700"   "4820936"   "5038325"   "5126692"   "5287393"   "5319604"   "5323052"   "5324958"   "5461425"   "5471515"   "5541402"   "5576763"   "5612799"   "5614744"   "5625210"   "5689208"   "5705846"   "5708263"   "5757045").PN. OR ("6140630").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/01 09:49

S191	4	S190 and @ad<"20010427"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/01 09:58
S190	41	increas\$4 near5 (voltage\$4 potential) near5 gate same pixel same noise	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/01 09:58
S192	301	increas\$4 near5 (voltage\$4 potential) near5 gate with (transistor reset) same pixel	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/01 09:59
S193	28	S192 and @ad<"20010427"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/01 10:00
S194	10	("4407010"   "5296696"   "5365123"   "5969758"   "6002432"   "6046444"   "6246436"   "6369853"   "6469740"   "6476864"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/01 10:09
S196	269	348/384.1.ccls.	USPAT	OR	ON	2010/09/01 13:12
S195	0	348/384.ccls.	USPAT	OR	ON	2010/09/01 13:12
S199	1	10/693204 and vd	US-PGPUB; USPAT	OR	ON	2010/09/01 14:07
S198	0	10/693204	USPAT	OR	ON	2010/09/01 14:07
S197	0	10/693204 and vd	USPAT	OR	ON	2010/09/01 14:07
S200	1	10/693204 and vd same dark	US-PGPUB; USPAT	OR	ON	2010/09/01 14:08
S201	1	10/693204 and vd and dark near2 state	US-PGPUB; USPAT	OR	ON	2010/09/01 14:10
S202	25	((sukeyuki with shinotsuka) (atsushi with nakajima) (hironari with watanabe)).in. and (sub \$1threshold threshold) and vd	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 14:17
S203	1	(10/623940).APP.	USPAT; USOCR	OR	ON	2010/09/01 14:18
S204	1	10/693204 and vd and q1 and high\$3 and adjust\$3 and vg	US-PGPUB; USPAT	OR	ON	2010/09/01 15:02
S205	1	10/693204 and vd same q1 same high\$3 same adjust\$3 same vg	US-PGPUB; USPAT	OR	ON	2010/09/01 15:03

S207	145	sHINOZUKA with NORI YUKI	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 15:45
S206	0	HINOZUKA with NORI YUKI	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 15:45
S208	2	"2000083198"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 15:48
S211	28	afterglow and (gate or vg) with increas\$3 and pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 16:24
S210	274	afterglow and (gate or vg) and pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 16:24
S209	580	afterglow and (gate or vg)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/01 16:24
S212	6	S211 and @ad<"20010427"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/01 16:25
S213	42	(increas\$4 adjust\$4 modif \$4 decreas\$4 reduc\$3) near4 drain near3 (potential current voltage pulse) same (increas\$4 high) near4 gate near4 (potential voltage current pulse) same (transistor reset) and pixel and @ad<"20010427"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 09:33
S215	249	soft near4 reset and hard near3 reset and pixel	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 09:51
S214	0	sof near4 reset and hard near3 reset and pixel	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 09:51
S216	18	S215 and @ad<"20010427"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 09:52
S218	1	"7443427".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 09:54

S217	102	richard near3 bemben	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 09:54
S219	23	richard near3 bemben and reset	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 09:58
S220	992	dark near2 state and reset and pixel	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 09:59
S222	70	dark near2 state and reset and pixel and (increas\$3 high) near3 (pulse voltage current potential) near4 gate with (transistor reset)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 10:00
S221	96	dark near2 state and reset and pixel and (increas\$3 high) near3 (pulse voltage current potential) near4 gate	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 10:00
S223	1	"20040149889".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 10:01
S224	1	"6191408".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 10:03
S225	35	((sukeyuki with shinotsuka) (atsushi with nakajima) (hironari with watanabe)).in. and (sub \$1threshold threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/02 10:32
S226	871	((sukeyuki with shinotsuka) (atsushi with nakajima) (hironari with watanabe)).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/02 10:33
S228	391	S226 and @pd<"20010427"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/02 10:34
S227	23	S226 and @pd<"20010427"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 10:34
S230	151	S229 and @pd<"20010427"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/02 10:37
S229	289	((shinozuka with noriuki) (kamiyama with tomoyuki) (takebe with katsuhiko)). in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/02 10:37

S231	6	"11298799"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/02 10:43
S232	5	"11264761"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/02 10:45
S234	2	"20040135913"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/02 10:58
S233	1	10/693204	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/02 10:58
S236	6	("5241575"   "6967682"   "6999122"   "7030921"   "7164443"   "7176435"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 11:41
S235	1	(10/471522).APP.	USPAT; USOCR	OR	ON	2010/09/02 11:41
S238	59	Tewinkle with Scott.in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 12:13
S237	2	11/588904	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 12:13
S239	57	(US-20090047009-\$ or US- 20070212046-\$ or US- 20030067544-\$ or US- 20070058958-\$ or US- 20070014555-\$ or US- 20060284495-\$ or US- 20080013939-\$ or US- 20060146400-\$ or US- 20060070302-\$ or US- 20060067660-\$ or US- 20060064884-\$ or US- 20060017818-\$ or US- 20060007320-\$ or US- 20050276589-\$ or US- 20050270379-\$ or US- 20050157287-\$ or US- 20050185057-\$ or US- 20060098098-\$ or US- 20080225126-\$ or US-	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 12:35

		20080151063-\$ or US- 20070222544-\$ or US- 20070141920-\$ or US- 20060056829-\$ or US- 20060018644-\$ or US- 20060164516-\$ or US- 20070133967-\$).did. or (US-20070133092-\$ or US- 20070127907-\$ or US- 20060018646-\$ or US- 20060018645-\$ or US- 20060018643-\$ or US- 20060017815-\$ or US- 20050169619-\$).did. or (US-5848301-\$ or US- 6108495-\$ or US-7529476- \$ or US-7499635-\$ or US- 7471886-\$ or US-6985176- \$ or US-7689107-\$ or US- 7639933-\$ or US-5266988- \$ or US-7679647-\$ or US- 7598981-\$ or US-7577346- \$ or US-7536091-\$ or US- 7493029-\$ or US-7672577- \$ or US-7496288-\$ or US- 7475484-\$ or US-7463128- \$ or US-7460776-\$ or US- 7379093-\$ or US-7327952- \$ or US-7502554-\$ or US- 7502127-\$ or US-6949845- \$).did.				
S240	26	("20090047009" "20080013939" "20070212046" "20070133967" "20070058958" "20070014555" "20060067660" "20060018646" "20060018645" "20060018644" "20060018643" "20050276589" "20050169619" "7672577" "7639933" "7577346" "7536091" "7529476" "7502554" "7499635" "7496288" "7493029" "7460776" "7327952" "5266988" "20060056829").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 12:37

S241	26	("20090047009" "20080013939" "20070212046" "20070133967" "20070058958" "20070014555" "20060067660" "20060018646" "20060018645" "20060018644" "20060018643" "20050276589" "20050169619" "7672577" "7639933" "7577346" "7536091" "7529476" "7502554" "7499635" "7496288" "7493029" "7460776" "7327952" "5266988" "20060056829").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 12:38
S242	1	10/693204	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 13:29
S244	5	"11264761"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/02 13:46
S243	3	"11264761"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/02 13:46
S245	3	"6909462".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/02 13:58
L1	9	((sukeyuki with shinotsuka) (atsushi with nakajima) (hironari with watanabe)).in. and bright near3 state	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 09:25
L3	67	(low\$2 decreas\$4) near4 (voltage pulse current potential) near4 gate and (low\$2 decreas\$4) near4 (voltage pulse current potential) near4 drain and pixel and reset and bright \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 09:29



L2	379	(low\$2 decreas\$4) near4 (voltage pulse current potential) near4 gate and (low\$2 decreas\$4) near4 (voltage pulse current potential) near4 drain and pixel and reset	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 09:29
L4	11	3 and @pd<"20010427"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 09:30
L6	18	5 and @pd<"20010427"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 09:32
L5	135	(low\$2 decreas\$4) near4 (voltage pulse current potential) near4 gate with (low\$2 decreas\$4) near4 (voltage pulse current potential) near4 drain and pixel and reset	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 09:32
L7	33	5 and @ad<"20010427"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 09:34
L9	472	348/243.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 10:36
L8	1437	348/241.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 10:36
L13	2103	8 9 10 11 12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 10:37

L12	105	348/257.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 10:37
L11	173	348/255.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 10:37
L10	114	348/248.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 10:37
L14	64	13 and (high increas\$4) near4 (potential voltage) near4 gate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 10:38
L15	0	13 and (decreas\$4 low\$2) near4 (potential voltage) near4 drain with gate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 10:43
L16	16	13 and (decreas\$4 low\$2) near4 (potential voltage) with drain with gate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 10:44
L19	373	348/297.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 10:50
L18	466	348/296.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 10:50

L17	1691	348/294.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 10:50
L23	473	348/312.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 10:51
L22	1953	348/308.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 10:51
L21	809	348/302.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 10:51
L20	341	348/300.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 10:51
L26	45	25 and @ad<"20010427"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 10:52
L25	122	24 and (decreas\$4 low\$2) near4 (potential voltage) with drain with gate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 10:52
L24	3802	18 19 20 21 22 23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 10:52

L27	2	"5,861,621".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/03 10:54
L29	1	28 and rhodes	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2010/09/03 10:59
L28	74	(US-20020041404-\$ or US-20040069929-\$ or US-20090210754-\$ or US-20090204911-\$ or US-20050143641-\$ or US-20040230094-\$ or US-20030093503-\$ or US-20030078812-\$ or US-20030046109-\$ or US-20050285959-\$ or US-20050104978-\$ or US-20050012847-\$ or US-20040169755-\$ or US-20090167934-\$ or US-20070177866-\$ or US-20070058967-\$ or US-20050107118-\$ or US-20020054389-\$ or US-20040135913-\$ or US-20040090545-\$ or US-20020051257-\$ or US-20040149889-\$).did. or (US-7176435-\$ or US-7486322-\$ or US-7414652-\$ or US-7667760-\$ or US-7319486-\$ or US-7256378-\$ or US-7667592-\$ or US-7485115-\$ or US-6955671-\$ or US-6602185-\$ or US-7679666-\$ or US-5808677-\$ or US-7151566-\$ or US-5933189-\$ or US-7030921-\$ or US-6999122-\$ or US-6967682-\$ or US-5241575-\$ or US-7164443-\$ or US-7349018-\$ or US-6927884-\$ or US-6958775-\$ or US-6909462-\$ or US-7679654-\$ or US-7542086-\$ or US-7190399-\$).did. or (US-5861621-\$ or US-5623187-\$ or US-6191408-\$ or US-6133862-\$ or US-5612739-\$ or US-5285293-\$ or US-4839729-\$ or US-6317154-\$ or US-6046444-\$ or US-	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2010/09/03 10:59

6704050-\$ or US-6653636-\$ or US-6635857-\$ or US-6417504-\$ or US-6140630-\$ or US-5614744-\$ or US-6618083-\$.did. or (JP-2000329616-\$ or JP-2001145024-\$ or JP-2000101928-\$ or JP-2000083198-\$ or JP-11264761-\$ or JP-11211565-\$ or JP-10328837-\$ or JP-2000175108-\$.did. or (JP-2001094878-\$ or EP-1187217-\$.did.
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### EAST Search History (Interference)

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9/ 3/ 10 11:57:00 AM

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